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| Substitute for form 1449A/PTO    |  |        |    |               | Co                     | mplete if Known |
|                                  |  |        |    |               | Application Number     | 10/567,424      |
| INFORMATION DISCLOSURE           |  |        |    |               | Filing Date            | 12/9/2008       |
|                                  |  |        |    |               | First Named Inventor   | Mulley et al.   |
| STATEMENT BY APPLICANT           |  |        |    | ANI           | Art Unit               | 1649            |
| (blse as many sheets as necessar |  | ssary) |    | Examiner Name | Kolker, Daniel E.      |                 |
| Sheet                            |  | 1      | of | 3             | Attorney Docket Number | 1386/23         |

|  |   |  | U.S. PATENT  | DOCUMENTS  |  |
|--|---|--|--|--|--|
| Examiner<br>Initials*                  | Cite<br>No.1                            | Document Number  Number - Kind Code <sup>2 (if known)</sup>  | Publication Date<br>MM-DD-YYYY   | Name of Patentee or<br>Applicant of Cited Document   | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear  |
|  | 1                                       | US-2010/0130623  | 06-03-2010   | Mulley et al.  | Figures Appear   |
|  | 2                                       | US-2010/02035  | 08-12-2010   | Petrou et al.  |  |
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| Examiner Initials*                      | Cite<br>No.1 | Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known) | Publication Date<br>MM-DD-YYYY   | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | Т |
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| The state of the s |                           |           |      | Application Number     | 10/567,424        |  |
| INF  | RMATION DISC              | CLOS      | SURE | Filing Date            | 12/9/2008         |  |
| STATEMENT BY APPLICANT   |                           |           |      | First Named Inventor   | Mulley et al.     |  |
| 317  | I PAIL DI VI              | FLIC      |      | Art Unit               | 1649              |  |
|  | (Use as many sheets as ne | ecessary) |      | Examiner Name          | Kolker, Daniel E. |  |
| Sheet  | 12                        | of        | 3    | Attorney Docket Number | 1386/23           |  |

|  |             | NON PATENT LITERATURE DOCUMENTS   |   |
|--|-------------|---|---|
| Examiner<br>Initials*  | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), thie of the item (book, magazine, purnal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>                          |
|  | 3           | Beaumanoir, In: Epileptic Syndromes in Infancy, Childhood and Addrescence, 2 <sup>nd</sup> ed., Roger J BM et al., editor, London: John Libbey & Co. Ltd., pgs. 178-136 (2002).   |   |
|  | 4           | Blume, W. T., "Childhood brain tumors presenting as chronic uncontrolled focal seizure disorders," Ann. Neurol., Vol. 4, pgs. 541-547 (1978).   |   |
|  | 5           | Blume et al., "Childhood Brain Tumors Presenting as Chronic Uncontrolled Focal Seizure Disorders," Annals of Neurology, Vol. 12, No. 6, pgs. 538 541 (December 1982).   |   |
|  | 6           | Burnstine et al., "Multifocal Independent epileptiform discharges in children: Ictal correlates and surgical therapy," Neurology, Vol. 41, pgs. 1223-1228 (1991).   |   |
|  | 7           | Doose et al., "Severe idiopathic generalized epilepsy of infancy with generalized tonic-clonic seizures," Neuropediatrics, Vol. 29, pgs. 229-238 (1998).  |   |
|  | 8           | Dravet et al., In: Epileptic Syndromes in Viancy, Childhood and Adolescence, 3 <sup>rd</sup> ed., Eastleigh: John Libbey & Co., Ltd. Pgs. of 103 (2002).  | *************************************** |
|  | 9           | GenBank Accession No. AC0100127, NCBI Database, National Center for Biotechnology Information, National Library of Medicine, NIH (Bethesda, MD, USA), GI: 11597116, 09 May 2001.  |   |
| ***************************************  | 10          | GenBank Accession No. AC0100127, NCBI Database, National Center for Biotechnology Information, National Library of Medicine, NIH (Bethesda, MD, USA), GI: 11597116,08 April 2005  |   |
| - 14 COS PUESTO CONTRACTOR OF THE PAGE AND AND THE PAGE AND | 11          | Genbank accession number AF225985.  |   |
| ••••••••••••••••••••••••••••••••••••••   | 12          | Interview Summary corresponding to U.S. Patent Application Serial No. 12/696,769 dated February 18, 2011  |   |
|  | 13          | Lossin C. Brain and Development (2009) vol. 31, pages 114-130.  |   |
|  | 14          | Malik et al., 'Multifocal Independent Spike Syndrome (MISS): An Identifiable and Predictable Electroclinical Syndrome," Neurology, Vol. 39, Suppl. 1, pg. 189 (1989).   |   |
|  | 15          | Markard, O. N., "Slow spike-wave activity in EEG and associated clinical features: often called 'Lennox' or 'Lennox-Gastaut' syndrome," Neurology, Vol. 27, pgs. 746-757 (1977).  | and the second                          |

|           |            | - 76     |  |
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| Examiner  | Date       | M. Maria |  |
| Signature | Considered |          |  |
|           |            |          |  |

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|------------------------|---------------------------|----------|------|------------------------|-------------------|--|
| M                      |                           |          |      | Application Number     | 10/567,424        |  |
| INF                    | RMATION DISC              | CLOS     | SURE | Filing Date            | 12/9/2008         |  |
| STATEMENT BY APPLICANT |                           |          |      | First Named Inventor   | Mulley et al.     |  |
| 317                    | ALEMICIAL DI AL           |          | MINI | Art Unit               | 1649              |  |
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| Sheet                  | 13                        | of       | 3    | Attorney Docket Number | 1386/23           |  |

|   |             | NON PATENT LITERATURE DOCUMENTS   |                |
|---|-------------|---|----------------|
| Examiner<br>Initials*                       | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), file of the item (book, magazine, burnal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|   | 16          | Noriega-Sanchez et al., "Clinical and electroencephalographic correlation of independent multifocal spike discharges," Neurology, Vol. 26, pgs. 667-672 (1976).   |                |
|   | 17          | Notice of Allowance corresponding to U.S. Patent Application Serial No. 12/696,769 dated March 21, 2011.  |                |
|   | 18          | Official Communication of U.S. Patent and Trademark Office corresponding to U.S. Patent Application Serial No. 12/636,769 dated August 5, 2010.   |                |
|   | 19          | Official Communication of U.S. Patent and Trademark Office corresponding to U.S. Patent Application Serial No. 12/696,769 dated November 29, 2010.  |                |
| - 413-11-11-11-11-11-11-11-11-11-11-11-11-1 | 20          | Office Action corresponding to U.S. Patent Application Serial No. 12/767,523 dated May 16, 2011.  |                |
|   | 21          | Office Action corresponding to U.S. Pateor Application Serial No. 11/922,377 dated May 25, 2011.  |                |
|   | 22          | Official Communication of U.S. Patent and Trademark Office corresponding to U.S. Patent Application Serial No. 12/767,523 cated August 25, 2011.  |                |
|   | 23          | Ohmori et al., "Is phenotype difference in severe myoclonic epilepsy in infancy related to SCN1A mutations?," Brain Dev., Vol. 25, pgs. 488-433 (2003).   |                |
|   | 24          | Orkin et al."Report and Recommendation of the Panel to Assess the NIH Investment in Research on Gene Therapy", NIH, 1995  |                |
|   | 25          | Thomas et al., "Progress and Problems with the Use of Viral Vectors for Gene Therapy," Nature, Vol. 4, pgs 346-358 (2003).  |                |
|   | 26          | Verma et al., "Gene therapy promises, problems and prospects," lature, Vol. 389, pgs. 239-242 (1997).   |                |
|   | 27          | Yamatogi et al., "Severe Epilepsy with Multiple Independent Spike Foci," J. Clin. Neurophysiol., Vol. 20, pgs. 442-448 (2003).  |                |

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| Examiner  |  | Date       | 4  |   |
| Signature |  | Considered |    | M |

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